REVISIONS

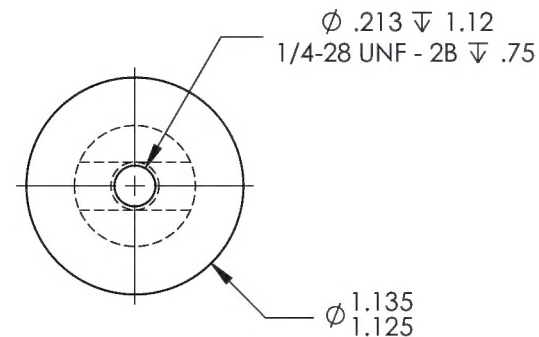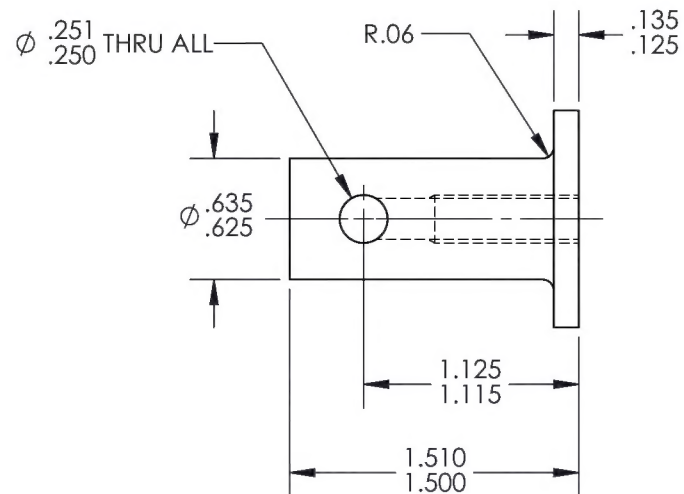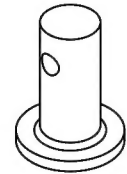| REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		REDRAWN FROM ORIGINAL TATTERED REV A DRAWING.	12/5/2013	CFS	
2	15-0338	**-3, -5, -7, -9** CH'D MATERIAL CALLOUT WAS 302 IS 302/303. **-3** CH'D THREAD CALL OUT WAS 1/4-28 UNF -3B ⇟.75 IS 1/4-28 UNF -2B ⇟.75. **-7** CH'D THREAD CALL OUT WAS 5/8-18 UNF-3A IS 5/8-18 UNF-2A, WAS 1/4-28 UNF -3B ⇟.75 IS 1/4-28 UNF -2B ⇟.75. **-9** CH'D DIM WAS Ø.256-.251 THRU ALL IS Ø.256-.251 ⌵ Ø.31 X 90°, CH'D THREAD CALL OUT WAS 5/8-18 UNF-3B ⇟.51 IS 5/8-18 UNF-2B ⇟.51. CH'D SHEET ONE NOTE 2 WAS SIMILAR TO T101522 IS USED WITH RB T101544.	10/26/2015	RJC	JAG

2X -11

2X -9

2X -3

-7 2X

-5
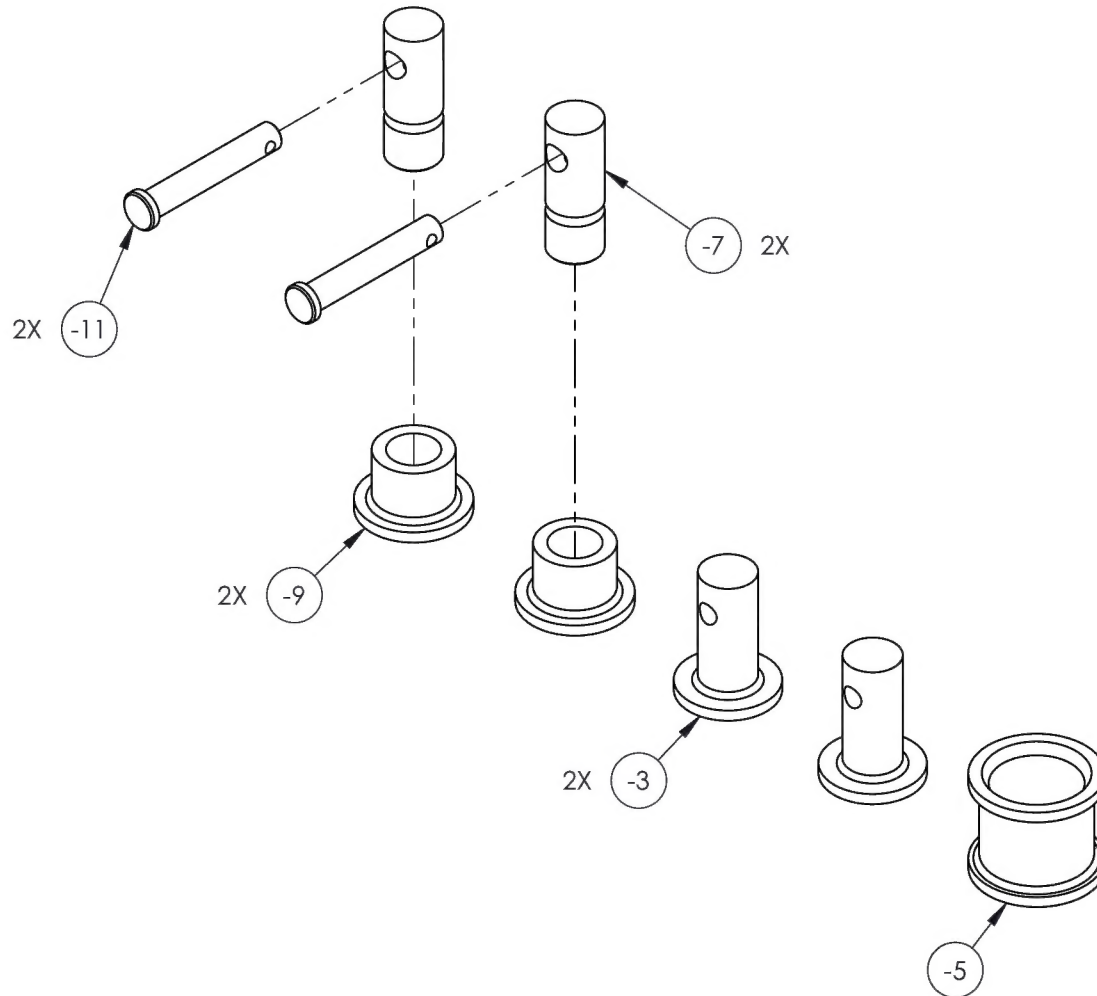
NOTE:
1. REF. BELL T/N: T101544.
2. USED WITH RB T101544.

DART AEROSPACE

TITLE: ADAPTER SET, MAIN & TAIL ROTOR BALANCE

DWG NO. RB T101544   REV 2

MAT'L	DRAWN BY: SMITH
	APPROVED D Weil

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
.XXX ± .005   FRACTIONS ± 1/8
.XX ± .01   ANGLES ±.5°
.X ± .1

1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

HEAT TREAT
FINISH
SPEC

USED ON MODEL: BELL 206, TH67

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-3	2	LOCK	302/303		2
			-5	1	SPACER	302/303		3
			-7	2	LOCK	302/303		4
			-9	2	ADJUSTER	302/303		5
		B/O	-11	2	PIN	STEEL	Ø5/16 X 1-7/8 AIRCRAFT SPRUCE MS20392-4C53	1

SCALE 1:2   DATE 12/4/2013   SHEET 1 OF 5

$\varnothing$ .251 / .250 THRU ALL

R.06

.135 / .125

$\varnothing$ .635 / .625

1.125 / 1.115

1.510 / 1.500

$\varnothing$ .213 ▽ 1.12
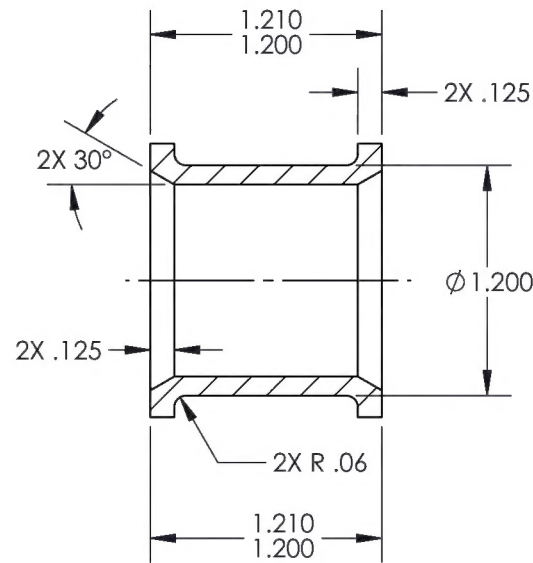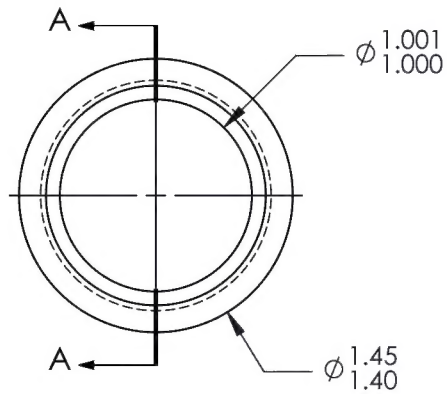1/4-28 UNF - 2B ▽ .75

$\varnothing$ 1.135 / 1.125
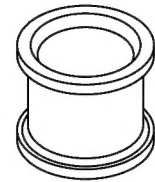
NOTE:
1. DIAMETERS TO BE CONCENTRIC WITHIN .005 TIR.

-3

LOCK

DART
AEROSPACE

TITLE: ADAPTER SET, MAIN & TAIL ROTOR BALANCE

DWG NO. RB T101544-3

REV 2

MAT'L 302/303

DRAWN BY: GILBERT

APPROVED: D Weil

HEAT TREAT

FINISH

SPEC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
.XXX ± .005
.XX ± .01   FRACTIONS ± 1/8
.X ± .1   ANGLES ±.5°
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

USED ON MODEL
BELL 206, TH67

SCALE 1:1

DATE 10/31/2013

SHEET 2 OF 5

A

$\phi \begin{matrix} 1.001 \\ 1.000 \end{matrix}$

A

$\phi \begin{matrix} 1.45 \\ 1.40 \end{matrix}$

1.210
1.200

2X .125

2X 30°

ϕ 1.200

2X .125

2X R .06

1.210
1.200

SECTION A-A

NOTE:
1. DIAMETERS TO BE CONCENTRIC WITHIN .005 TIR.

DART
AEROSPACE

TITLE	ADAPTER SET, MAIN & TAIL ROTOR BALANCE	
DWG NO.	RB T101544-5	REV 2

MAT'L 302/303	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED D Weil
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ±.5°	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 206, TH67
SCALE 1:1	DATE 10/31/2013	SHEET 3 OF 5

-5

SPACER

1.680 / 1.670

1.315 / 1.305

.560

∅ .213 ▽ 1.31
1/4-28 UNF - 2B ▽ .75

∅ .625 / .615

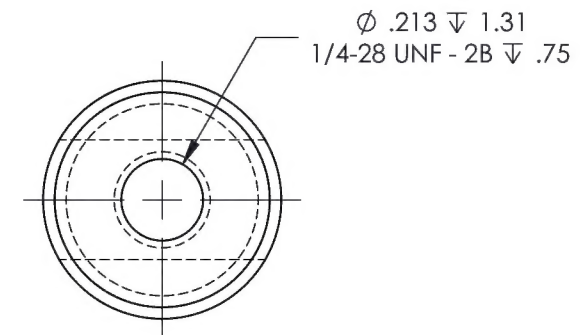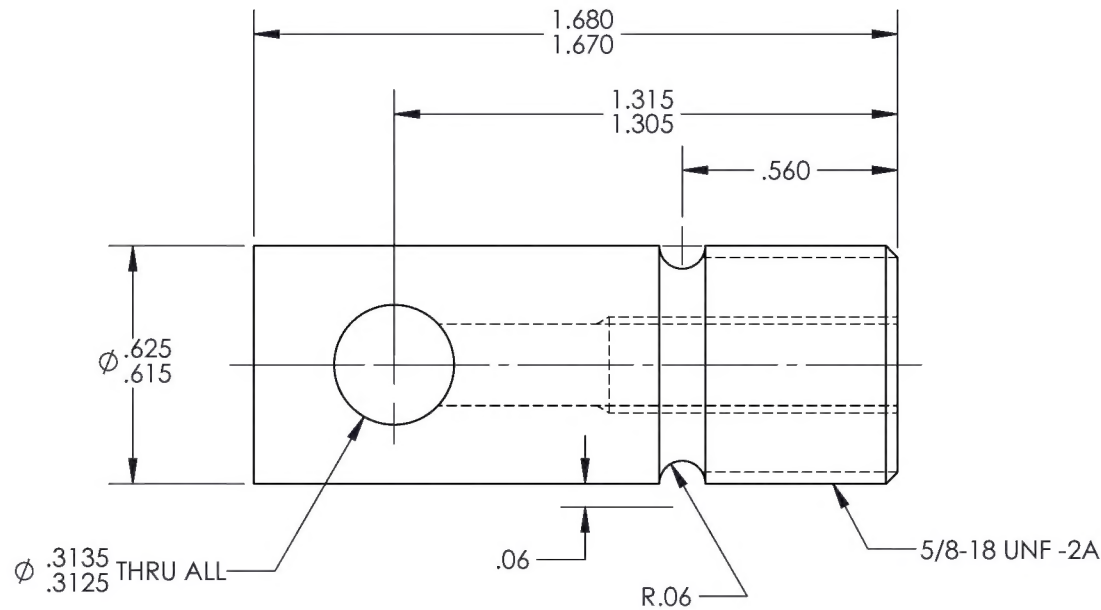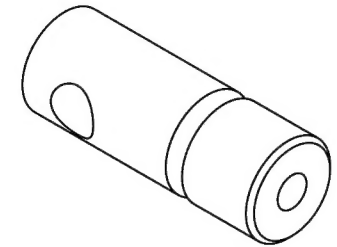∅ .3135 / .3125 THRU ALL
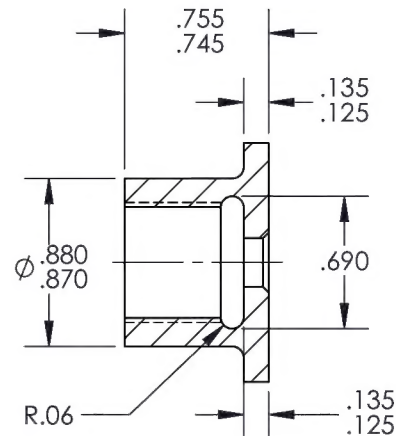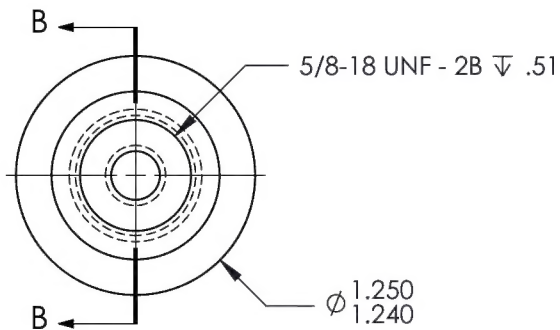
.06

R.06

5/8-18 UNF -2A

NOTE:
1. DIAMETERS TO BE CONCENTRIC WITHIN .005 TIR.
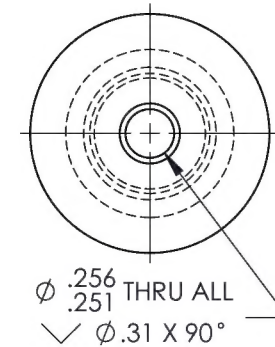
-7

LOCK

DART AEROSPACE

TITLE
ADAPTER SET, MAIN &
TAIL ROTOR BALANCE

DWG NO.
RB T101544-7

REV
2

MAT'L 302/303

DRAWN BY: GILBERT

APPROVED D Weil

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005
.XX ± .01
.X ± .1
FRACTIONS ± 1/8
ANGLES ±.5°

HEAT TREAT
FINISH
SPEC

1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

USED ON MODEL
BELL 206, TH67

SCALE 2:1

DATE 10/31/2013

SHEET 4 OF 5

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1			10/26/2015		
2	15-0338	-9 CH'D MATERIAL CALLOUT WAS 302 IS 302/303, CH'D DIM WAS Ø.256-.251 THRU ALL IS Ø.256-.251 ⌵ Ø.31 X 90°, CH'D THREAD CALL OUT WAS 5/8-18 UNF-3B ⩔ .51 IS 5/8-18 UNF-2B ⩔ .51.	10/26/2015	RJC	JAG

B

B

5/8-18 UNF - 2B ⩔ .51

Ø 1.250 / 1.240

.755 / .745

.135 / .125

Ø .880 / .870

.690

R.06

.135 / .125

SECTION B-B

Ø .256 / .251 THRU ALL

⌵ Ø.31 X 90°
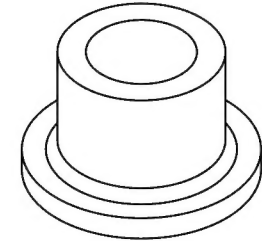
<u>NOTE:</u>
1. DIAMETERS TO BE CONCENTRIC WITHIN .005 TIR.

-9

ADJUSTER

DART
AEROSPACE

TITLE	ADAPTER SET, MAIN & TAIL ROTOR BALANCE		
DWG NO.	RB T101544-9		REV 2
MAT'L 302/303	DRAWN BY:	GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED	D Weil	
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT		
.XX ± .01 ANGLES ±.5°	FINISH		
.X ± .1	SPEC		
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL		
	BELL 206, TH67		
SCALE 1:1	DATE 10/31/2013	SHEET 5 OF 5	